

ABSTRACT

Offset adjustments for both differential and single-ended measurements are accomplished in the same probe or system. Different  
5 variable offsets are provided for the positive and negative inputs of a differential amplifier, and a variable offset adjustment is provided to remove differential amplifier output offset. Common mode and reduced dynamic range problems for both differential and single-ended measurements are eliminated. All or desired portions of required functions may be implemented  
10 using discrete or DSP approaches.